

Purchase Order Receipt Listing

Thursday, May 01, 2014 3:58:24 PM

All amounts are calculated in domestic currency.

Page 1 of 1

All Vendors PO ID PO23964 Receipt Dates from 5/1/2014 to 5/1/2014 All Line Item Types
All Item ID OL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

[illegible]

Shipping Order

29/04/2014

Order Reference : 96282
 Bid Reference : CHANTAL
 Ship : 10193
 : PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

METAUX SOLUTIONS INC
 2625 BOUL JACQUES CARTIER EST
 LONGUEUIL, QUEBEC
 J4N 1L7
 Tel.: 450 641-3330
 Customer : 6323336

DART AEROSPACE LTD
 1270, ABERDEEN STREET
 HAWKESBURY, ONTARIO
 K6A 1K7

Item No.	Description	Qty	Qty. Deliver	B/O Qty
----------	-------------	-----	--------------	---------

MP124130N

4130 NORM PLATE .500 THICK AMS 6345

11.6

11.6

40 X 3" X 14"

HT, C1318

304 SQ TUBE .750 X .049 WALL

800

800

40 X 20' ***

HT, J4F0

HT, AKE040273

SHIP TST COLLECT

JP

400#

252#

DMS
 9-09
 14-05-05

8014-5-01

Merchandise Received:

Shipping :
 Package No :
 Ref. :

SUPERVISOR - TEST REPORTING
ELMORE ZAPUTNY

PART OR TEST	HEAT TREAT	DESCRIPTION	NOM TEMP	HOLD TIME	Cool WITHD
PL/TST	NORMALIZE	1660F	28	AIR COOL	

ANALYSIS	W	V	AT	CB	P	S	CU	SI	NI	CR	MO
MELT: C1318	.31	.32	.50	.014	.002	.12	.24	.11	.90	.21	
PROD ANALYSIS	.059	.017	.001	.001							

ALICRAFT QUALITY ASTM A829 06 GRADE 4130 & A131
4130 57
THE MANAGEMENT SYSTEMS FOR MANUFACTURE OF THIS PRODUCT ARE CERTIFIED
TO ISO 9001:2008 (CERTIFICATE NO. 30130) AND ISO 14001 (CERTIFICATE
NO. 0094969).

CUSTOMER PO: 01121ZMC

CUSTOMER INFORMATION

PLATE 11 DIMENSIONS / DESCRIPTION

PAGE NO: 01 OF 02
FILE NO: 2765-02-01
ORDER NO: 79967-002
MELT NO: C1318
DATE: 07/25/12

ARCETOXMITAL PLATE LLC

TEST CERTIFICATE

WE HEREBY CERTIFY THE ABOVE
INFORMATION IS CORRECT:
ARCELORMITTAL PLATE LLC
QUALITY ASSURANCE LABORATORY
139 MODENA ROAD
COATESVILLE, PA 19320

Elmore J. J. J.
SUPERVISOR - TEST REPORTING
ELMORE ZAPLITNY

GENERAL INFORMATION
ALL STEEL HAS BEEN VACUUM DEGAUSSED AND CALCIUM TREATED
MATERIAL HAS BEEN VACUUM DEGAUSSED AND CALCIUM TREATED
FOR SUDDEN SHAPE CONTROL
MAG. PART. FREE, AND SEVERITY RATING PER AMS-2301K.
ACID SOLUBLE ALUMINUM
FOR MORE INFORMATION AND PROCESSING GUIDELINES, REFER TO
WWW.ARCELORMITTAL.COM/PLATEINFORMATION
REDUCTION RATIO - 18
B/L #00104 MAVERICK TRANSPORTATION

OTHER METALLURGICAL AND MICROSTRUCTURAL TESTS
MAGNETIC PARTICLE - FREQUENCY .00001 - SEVERITY .00001

LOC	DEPTH	SURFACE	SURFACE
TOP	.012	0	0
TOP	.008	0	0
TOP	.009	0	0
TOP	.012	0	0

DECARB TESTING

LOC	DIR	YIELD STRENGTH PSI X 100	TENSILE STRENGTH PSI X 100	ELONGATION GAGE LENG	%
TOP	TRANS.	719	1175	2.00"	16.0
TOP	TRANS.	712	1195	2.00"	20.0
TOP	TRANS.	727	1189	2.00"	17.0
TOP	TRANS.	809	1210	2.00"	20.0

TENSILE PROPERTIES

BEND TEST - BOT./TRANS. - PASS
BEND TEST - TOP/LONG. - PASS
MECHANICAL PROPERTIES

TEST CERTIFICATE
PAGE NO: 02 OF 02
FILE NO: 2765-01-01
ORDER NO: 79967-002
MILL NO: C1318
DATE: 07/25/12

Material Certification

ISO 9001 MIH

EN 10204/3.1B

Ship To:

Date: 1/15/2014
 Invoice No: KM2014/0084
 Purchase P001894
 Order No:
 Sold To:

Stainless Steel T.T.G. Welded Tubing. Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3/4" SQ X 18GA X 20'	AKB040273	MF	ASTM A554-13	MT-304

CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo
1:	.040	.510	1.08	.029	.014	18.10	8.14	

MECHANICAL PROPERTIES

	Tensile (N/mm ²)	Yield (N/mm ²)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	673.00	235.00	46.00	82.80			

WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

Page: 1/1
 Steve Chang
 Date: 1/15/2014
 Authorized Signature

PHOENIX TUBE COMPANY, INC.
Manufacturer of Stainless Ornamental and Structural Tubing

CERTIFICATION OF TEST

Sold To:

Ship To:

CUSTOMER ORDER#: C91016

CUST REF NBR:

DATE SHIPPED: 12/16/13

SIZE: 3/4SQ X 18 GA AW

SOURCE: USA D

VENDOR: NAS

Specification:

ASTM A554-13

ASTM A 240 LATEST REVISION

RAW MATERIAL SPEC.

T304L/304 DUAL CERTIFIED

NO WELD REPAIR

EN 10204 2.2

NACE MR0175/01
PLATE, SHEET OR STRIP

ANNEALED AND PICKLED

CONTINUOUS CARBIDE

DFARS 252.225.7008

PRECIPITATION
COMPLIANT

MIN. SOLUTION ANNEAL TEMP

1900F

WATER QUENCHED

ANNEALED, AND SHOWS NO

MFG USING

ASTM A564 2003 SUPERSEDED

MATERIAL IS FULL SOLUTION

ANNEALED, AND SHOWS NO

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. WE ARE NOT PRESENTLY AWARE OF ANY MERCURY CONTAMINATION.

Chemical Analysis

C	.02
MN	1.77
P	.03
S	.02
SI	.26
CR	18.14
NI	8.08
MO	.38
CU	.45
CO	0
N2	.09
TI	0

Physical Analysis

YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL
RB 85	49750	0	96450	0	48
				Percent RA	0

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.
PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

Melted & Manufactured in the USA FAR BAA complies, DFARS BAA complies, FAR TAA complies

CERTIFIED BY Quality Control Dept.

1186 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073

154091

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: AK6040A13 / 3450
 DATE: 14-05-02

THICKNESS ORDERED: 0.015 ~
 THICKNESS RECEIVED: 0.015 ~
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 800 ft
 QUANTITY INSPECTED: 800 ft
 QUANTITY REJECTED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
-------------	-----------------	----------

SURFACE DAMAGE	<input checked="" type="radio"/> Y	
CORRECT FINISH	<input checked="" type="radio"/> Y	
CORROSION	<input checked="" type="radio"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
TYPE OF MATERIAL	SIZE OF TEST SAMPLE	HARDNESS / DUROMETER READING	RECORD RESULTS BELOW	
HRC	HRB	DUR A	DUR D	

Testers located in the Quality Office

CC 18 INSPECTION
 ENGINEERING SIGNOFF (if required)
 INSPECTED BY: 9-00
 SIGNED OFF BY: 12-00
 DATE: 14-05-02
 DATE: 14/5/2

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

OC 18 INSPECTION	DATE: 14-05-05
INSPECTED BY: 9	SIGNED OFF BY: 9
ENGINEERING SIGNOFF (if required)	DATE:

testers located in the Quality Office

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
	TYPE OF MATERIAL	HRC	HRB	DUR A
	SIZE OF TEST SAMPLE			
	HARDNESS / DUROMETER READING			

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	(N)
CORRECT FINISH	Y	(N)
CORROSION	Y	(N)
CORRECT GRAIN DIRECTION	Y	(N)
CORRECT MATERIAL	Y	(N)
CORRECT THICKNESS	Y	(N)
PHOTO REQUIRED	Y	(N)
CORRECT MATERIAL	Y	(N)
CORRECT REF # TO LINK CERT	Y	(N)
CORRECT MATERIAL IDENTIFICATION	Y	(N)
CORRECT M# ON THE MATERIAL	Y	(N)
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)

MATERIAL: 14B0180500X03.00	DATE: 14-05-05	PO / BATCH NO.: 23964 / M12904
MATERIAL CERT REC'D: 105	QUANTITY RECEIVED: 40 x 14"	THICKNESS ORDERED: .500"
QUANTITY INSPECTED: 40	QUANTITY REJECTED: 0	THICKNESS RECEIVED: .500"
		SHEET SIZE ORDERED: 1
		SHEET SIZE RECEIVED: 1

MATERIAL RECEIPT INSPECTION FORM



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO23964
Purchase Order Date 4/28/2014
PO Print Date 4/28/2014
Page Number 1 of 2

Order From :

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
5/14/12

Contact Name
Vendor Phone

800 558 8858

Ship To Contact
Ship To Phone

Ship Via:
Ship Acct:

TST ground

FOB
Currency

Destination-Collect

Buyer
Customer POID
Customer Tax #

10127-2607

Chantal Lavoie

Line Nbr	Reference	Description/ Mfg ID	Reg Date/ Taxable	CD	Reg Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	-----------	------------------------	----------------------	----	--------------------------------	---------------	-------------------

1	M4130NB0.500X03.000	4130 Bar 0.500 x 3.00	5/7/2014	Yes	47.00	\$29.57	\$1,389.68
MATERIAL: AISI 4130N STEEL BAR PER MIL-S-6758 OR AMS 6345/6348/6370/6528							
40 PCS CUT TO SIZE 14"							

2	M304TS0.750W.049	304 SQ Tube	5/7/2014	Yes	800.00	\$3.80	\$3,040.00
MATERIAL: AISI 304/316 SEAMLESS STEEL SQUARE TUBING							
AS PER ASTM A554 MILL FINISH							
OR							
AS PER ASTM A269 MILL FINISH							

Note:

4/28/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO23964
Purchase Order Date 4/28/2014
PO Print Date 4/28/2014
Page Number 2 of 2

Order From : VC-MET002

2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA
Ship To : DART AEROSPACE LTD

Contact Name	Vendor Phone	Ship To Contact	Ship Via:	Ship Acct:
Chantal Laviole	800 558 8858	Customer POID	TST ground	
Buyer		Customer Tax #		
		Terms		
		Net 30		
		CAD		
		Destination-Collect		

3	71401-45	PROCUREMENT	5/7/2014	1.00	\$0.00
QUALITY CLAUSES					
No					
5/7/2014					

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Line Total: \$0.00
PO Total: \$4,429.68

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 4/28/2014

CS MFA

8014-05-01